

Serial No.: 10/662,262

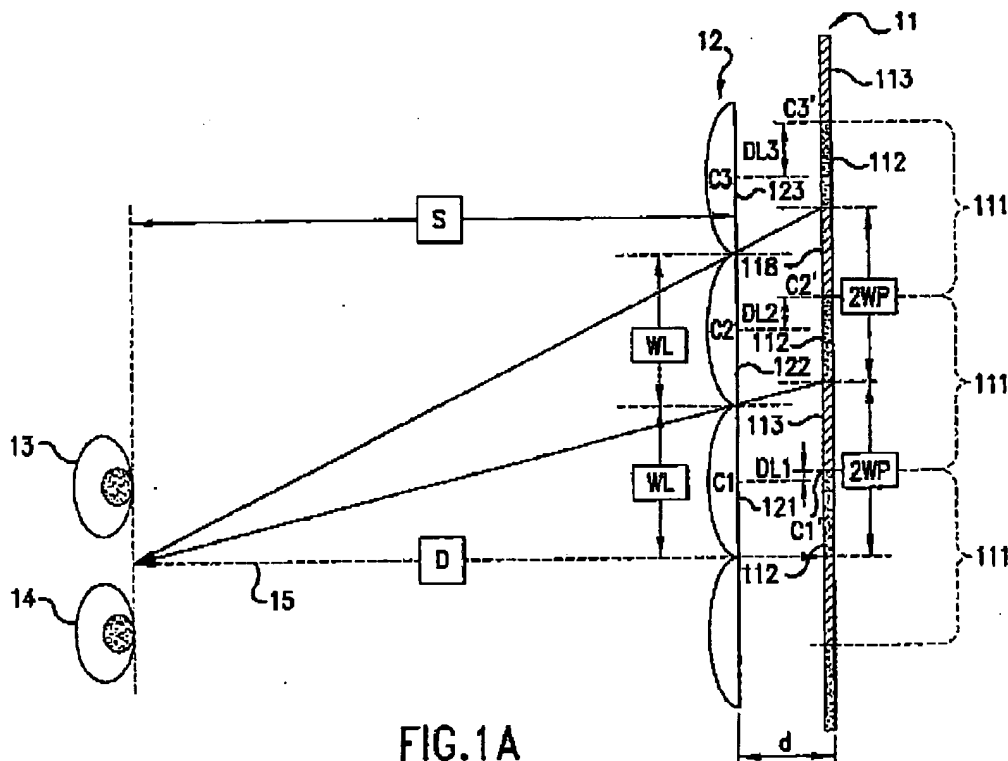
REMARKS

Claims 1-21 are pending in the application. Favorable reconsideration of the application is respectfully requested.

I. REJECTION OF CLAIMS 1-12 AND 21 UNDER 35 USC §102(e)

Claims 1-12 and 21 stand rejected under 35 USC §102(e) based on *Brown et al.* This rejection is respectfully traversed for at least the following reasons.

Claim 1 is directed an autostereoscopic display including a parallax optic having a first portion and a second portion. As recited in claim 1, the first portion includes an array of parallax elements having a first pitch in a first direction. The second portion includes an array of parallax elements having a second pitch substantially equal to one and a half times the first pitch in the first direction.

**FIG. 1A***Fig. 1A of Brown et al.*

Serial No.: 10/662,262

Fig. 1A of *Brown et al.*, reproduced above, exemplifies the display described in the reference. The Examiner contends that *Brown et al.* discloses a parallax optic having a first portion 12 and a second portion 11. The Examiner argues that the parallax elements in the first portion 12 have a first pitch and the parallax elements in the second portion 11 have a second pitch substantially equal to one and a half times the first pitch as recited in claim 1. As described in more detail below, applicant respectfully disagrees with the Examiner's interpretation of the teachings of *Brown et al.*

Brown et al. describes an autostereoscopic display having a lenticular lens array 12 and a pixel array 11. Applicant can understand the Examiner referring to the lenticular array 12 as representing a parallax optic. However, it is not clear how the Examiner can refer to the pixel array 11, having left eye pixels 112 and right eye pixels 113, as being part of a *parallax optic* as recited in claim 1. To the extent the Examiner continues to feel justified in construing the pixel array 11 as being part of a parallax optic, applicant would appreciate the Examiner providing a clarifying explanation in the next communication.

Regarding the lenticular array 12, applicant notes that the array 12 is shown in Fig. 1A as having a *constant* pitch of WL. Thus, the lenticular array 12 itself certainly does not have a first portion and a second portion whereby the second portion has a pitch substantially equal to one and a half times the pitch in the first portion as recited in claim 1.

Although the applicant disputes whether it is correct to even consider the pitch of the pixel array 11, as it is not believed to represent a parallax optic, the pixel pitch of the pixel array is equal to WP.¹ Although the Examiner's reasoning is not exactly clear, it appears that the Examiner is arguing that the pitch WL is substantially equal to one and a half times the pitch WP.

¹ Somewhat confusingly, the Examiner refers to the lenticular lens array 12 as having a pitch of WP and apparently the pixels of the pixel array 11 having a pitch WL.

Serial No.: 10/662,262

As is clearly shown with respect to lens element C1 in Fig. 1A of *Brown et al.*, the pitch WL is certainly greater than one and one half times the pitch WP. Consequently, even using the Examiner's interpretation *Brown et al.* does not teach or suggest the second portion having a pitch substantially equal to one and a half times the pitch of the first portion as recited in claim 1. Again, however, applicant questions whether it is even appropriate to be discussing pixel array 11 as representing part of a parallax optic as argued by the Examiner.

For at least the above reasons, applicant respectfully submits that *Brown et al.* does not teach or suggest an autostereoscopic display as recited in claim 1. Thus, claim 1 together with dependent claims 2-12 and 21 may be patentably distinguished over the teachings of *Brown et al.* Withdrawal of the rejection is respectfully requested.

II. REJECTION OF CLAIMS 13-20 UNDER 35 USC §103(a)

Claims 13-20 stand rejected under 35 USC §103(a) based on *Brown et al.* in view of *Woodgate et al.* This rejection is respectfully traversed for at least the following reasons.

Claims 13-20 each depend from claim 1 either directly or indirectly. Consequently, claims 13-20 may be distinguished over the teachings of *Brown et al.* for at least the reasons described above in relation to claim 1. Moreover, *Woodgate et al.* does not make up for the deficiencies of *Brown et al.* Thus, withdrawal of the rejection is respectfully requested.

III. CONCLUSION

Accordingly, all claims 1-21 are believed to be allowable and the application is believed to be in condition for allowance. A prompt action to such end is earnestly solicited.

Should the Examiner feel that a telephone interview would be helpful to facilitate favorable prosecution of the above-identified application, the Examiner is invited to contact the undersigned at the telephone number provided below.

Serial No.: 10/662,262

Should a petition for an extension of time be necessary for the timely reply to the outstanding Office Action (or if such a petition has been made and an additional extension is necessary), petition is hereby made and the Commissioner is authorized to charge any fees (including additional claim fees) to Deposit Account No. 18-0988.

Respectfully submitted,

RENNER, OTTO, BOISSELLE & SKLAR, LLP



Mark D. Saralino
Reg. No. 34,243

DATE: January 6, 2005

The Keith Building
1621 Euclid Avenue
Nineteenth Floor
Cleveland, Ohio 44115
(216) 621-1113

B:\GEN\YAMA\Yama886\yamap886.amd.wpd